

WHAT IS CLAIMED IS:

1. A method of operating a packet network, comprising the steps of:
processing a message in a standardized interface, the message including an indicia; and
identifying a packet application in response to the indicia.

5 2. A method of operating a packet network, as set forth in claim 1, wherein the standardized interface is an A1 interface.

10 3. A method of operating a packet network, as set forth in claim 1, wherein the standardized interface is an A3 interface.

4. A method of operating a packet network, as set forth in claim 1, wherein the standardized interface is an A5 interface.

15 5. A method of operating a packet network, as set forth in claim 1, wherein the standardized interface is an A7 interface.

20 6. A method of operating a packet network, as set forth in claim 1, wherein the standardized interface is an A9 interface.

7. A method of operating a packet network, as set forth in claim 1, wherein the standardized interface is an A10 interface.

25 8. A method of operating a packet network, as set forth in claim 1, wherein the standardized interface is an A11 interface.

9. A method of operating a packet network, as set forth in claim 1, wherein the packet application is a control plane packet application.

30 10. A method of operating a packet network, as set forth in claim 1, wherein the packet application is a bearer packet application.

11. A method of operating a packet network, as set forth in claim 1; wherein the packet application is a push-to-talk packet application.

12. A method of operating a packet network, as set forth in claim 1, wherein the packet application is a Voice-over-IP packet application.

13. A method of operating a packet network, as set forth in claim 1, wherein the packet
5 application is a delay-sensitive packet application.

14. A method of operating a packet network, comprising the steps of:
communicating an A10 message including a generic routing encapsulation header; and
identifying a type of message in response to the generic routing encapsulation header.
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15. A method of operating a packet network, as set forth in claim 14, wherein the type of message is a control message.

16. A method of operating a packet network, as set forth in claim 14, wherein the type of
15 message is a bearer message.

17. A method of identifying an application in a packet network, comprising the steps of:
identifying a user application;
formulating a message including a flag, the flag identifying the user application; and
20 communicating the message including the flag using a radio link protocol.

18. A method of identifying an application in a packet network, as set forth in claim 17,
wherein the user application is a PTT application and the message is a PTT block of bits.

25 19. A method of operating a dormant MS, comprising the steps of:
receiving a signaling message;
identifying a packet-based application in response to receiving the signaling message; and
communicating the signaling message to a dormant MS using a short data burst.

30 20. A method of operating a dormant MS, as set forth in claim 19, wherein the method is performed in a PCF.

21. A method of operating network, comprising the steps of:
receiving a reverse SDB from a dormant MS; and
35 delivering the SDB to a PDSN using an A10 interface.